GSEB

Class 12

Computer Paper – March(2017)

331(E)

1) What is to be represented on the top section of class diagram, which is a representation of class ?

(A) Name of the class

(B) Attributes or properties of class

(C) Behaviour of operations or methods of class

(D) All of these

2) The name used for a constant value is known as what in Java ?

(A) String   (B) Array

(C) Literal   (D) Class

3) Inheritance is generally referred as which type of relationship between two classes ?

(A) Partial relationship   (B) Full relationship

(C) Exclusive relationship   (D) 'is-a kind' of relationship

4) Rational plan comprises of how many types of desktop products ?

(A) Two   (B) Three

(C) One   (D) Four

5) If we want to make visible to all the classes outside the class, where method or variable is visible to class, which type of access modifier is used?

(A) Protected   (B) Package

(C) Public   (D) Private

6) What should be the information of website ?

(A) Incomplete, Relevant   (B) Incomplete, Irrelevant

(C) Complete, Relevant   (D) Complete, Irrelevant

7) Which software allows user to make calls over the Internet using computer ?

(A) Amazon   (B) Mcall.com

(C) Skype   (D) Google Map

8) From the following which operator is used to access instance variable and instance methods in Java ?

(A) : (colon)   (B) ; (semicolon)

(C) . (dot)   (D) , (comma)

9) From the following who offers limited free space on the web server ?

(A) ISP   (B) FIP

(C) BOM   (D) OMG

10) Kompozer incorporates with whom that gives rapid access to file on both local machines and remote servers ?

(A) Site Manager   (B) Page Manager

(C) Document Manager   (D) None of these

11) When Java program created Java source file using text editor, which file extension should be given?

(A) .class   (B) .html

(C) .jpg   (D) .java

12) From the following which package is used to support mathematical symbols in LaTeX?

(A) SOS

(B) AMS

(C) MATH

(D) SIGN

13) Which extension is used to save file of LaTex?

(A) .text

(B) .ltx

(C) .tan

(D) .tex

14) Which of the following statement is used in JavaScript to return a value in a function ?

(A) Event

(B) Program

(C) Return

(D) Function

15) Who developed Amaya, which is free open source WYSIWYG ?

(A) W3C

(B) Google

(C) Netscape

(D) Apple

16) Which string constructor is used without arguments to create a string object with no characters ?

(A) string()

(B) string (Char ary [ ])

(C) string(string str obj)

(D) string(str literal)

17) Which network is developed by the Gujarat Government to provide information regarding various government departments, different application forms to be used by citizens ?

(A) GSWAN

(B) MSWAN

(C) ASWAN

(D) RSWAN

18) Which is a program that uses internet to record information that passes through a computer or router in transit from sender to receiver ?

(A) Cyber Vandalism   (B) Sniffing

(C) Malicious Code   (D) Spoofing

19) Which method can be applied on the variable that is stored on user's computer cookie ?

(A) Cookies can be read   (B) Cookies can be created

(C) Cookies can be modified   (D) All of these

20) What is used in web pages to improve the design and validate the forms ?

(A) 'C' language   (B) Java

(C) Oracle   (D) JavaScript

21) Which operator can be used to concatenate a string in Java ?

(A) =   (B) +

(C) &   (D) *

22) Which exception class is observed when an attempt to access the array element with an index value that is outside the range of array in Java ?

(A) Arry Out of Box

(B) Array out of Index

(C) Array Index Out of Bounds Exception

(D) Not Found Array

23) In object oriented terminology, the existing class is known as what ?

(A) Super class   (B) Parent class

(C) Sub class   (D) Both (A) and (B)

24) How can one write reserved character $ in LaTeX ?

(A) \$ (B) -$

(C) *$ (D) #S

25) Which block is generally used to clean up at the end of executing a try block ?

(A) finally
(B) catch

(C) try
(D) throws

26) In form, which input element can be used to enter comment, report or a long description of a product ?

(A) <select> ... </select>
(B) <option> ... </option>

(C) <longtext> ... </longtext>
(D) <textarea> ... </textarea>

27) Which kind of webpage is created using HTML ?

(A) Static
(B) Could not be changed

(C) Both (A) and (B)
(D) Dynamic

28) Which steps are required to create object from a class in Java?

(A) Declaration
(B) Instantiation

(C) Initialization
(D) All of these

29) From the following, which are the types of stream class in Java ?

(A) Character stream
(B) Byte stream class

(C) Both (A) and (B)
(D) Boolean stream

30) In object-oriented programming (OOP) languages, creating an object is also known as what ?

(A) Object instantiation
(B) Object creation

(C) Object making
(D) None of these

31) From the following which are the examples of B2C E-commerce business model?

(A) fabmart.com
(B) flipkart.com

(C) amazon.com   (D) All of these

32) In Java, to search an element in an array, array class provides which type of method ?

(A) fill()   (B) binarySearch( )

(C) sort()   (D) remove()

33) From the following which option is used to insert table in webpage made in KompoZer ?

(A) Format -> Table   (B) Insert -> Table

(C) View —> Table   (D) Modify —> Table

34) From the following which extension are used to indicate text files ?

(A) .c   (B) .txt

(C) java   (D) All of these

35) Which of the following website. hosts the LaTeX packages ?

(A) CTAN   (B) CLAN

(C) CTEN   (D) CLEN

36) Which type of braces is used to initialize data elements in 1-D array ?

(A) <>   (B) []

(C) {}   (D) ()

37) From the following what is the purpose for developing website ?

(A) To provide information to a group of

people.

(B) To attract new customers.

(C) To sell the products online.

(D) All of these

38) Which is the most commonly used numeric function in JavaScript ?

(A) validateForm()   (B) isNaN()

(C) alert()   (D) number()

39) In Java, if 'Str' is the object of string class and its content is "Hello", then what is the value of str.length() ?

(A) 8   (B) 7

(C) 6   (D) 5

40) Which is the default level of protection, where lack of any access modifier keyword is in a declaration in Java ?

(A) Public   (B) Package

(C) Protected   (D) Private

41) Which is the most popular and widely accepted method of payment on internet in E-commerce / M-commerce ?

(A) Credit Card   (B) Cash

(C) Electronic Wallet   (D) Ru-pay

42) Which method of string class is used to return a string with all characters of invoking string converted to uppercase ?

(A) int length()   (B) byte [ ] getBytes()

(C) String to Uppercase( )   (D) String concat(string str)

43) From the following which is a limitation of E-commerce ?

(A) Conducts Business 24 x 7

(B) Speed

(C) No boundaries of geographical limitations

(D) Security

44) What is the default value of Boolean data type of Java ?

(A) False

(B) True

(C) 0 (zero)

(D) 1

45) Which command is used to begin environment in LaTeX ?

(A) \begin {name}

(B) /begin {name}

(C) \start {name}

(D) /start (name)

46) var x = document.js1.name.value In above statement, which is a variable?

(A) x

(B) document

(C) js1

(D) name.value

47) We can use various static methods provided by Java using which array class ?

(A) java.util.Arrays

(B) java.io

(C) java.lang

(D) All of these

48) In object-oriented programming, what is an indication of problem which occurs during program execution?

(A) Function

(B) String

(C) Array

(D) Exception

49) What is the full form of CSS?

(A) Cascading Style Sheet

(B) Cascading Super Sheet

(C) Cascading Short Style

(D) Cascade Sine Simple

50) Which E-commerce business model refers to E-commerce activities involving transactions between and among the consumers ?

(A) Government to Business

(B) Consumer to Consumer

(C) Business to Business   (D) Business to Consumer

51) Which menu is used to change page title in website created in KompoZer ?

(A) Format —> Page Title and Properties

(B) Format —> Heading

(C) Insert —> Heading

(D) Insert —> Heading and Subheading

52) File method boolean isFile() returns which type of value of File class?

(A) True or False   (B) Yes or No

(C) 0 or 1   (D) Y or N

53) In Java, if we want to allow data directly accessed by methods of other class, then which method is used ?

(A) getter   (B) setter

(C) main   (D) void

54) Which sign indicates single line comment in Java ?

(A) /* and ends with */   (B) /** and ends with */

(C) //   (D) #

55) Which were the first applications of E-commerce website on Internet ?

(A) E-newspaper   (B) Book shops

(C) Online Auctions   (D) Marketing and Selling

56) In Java in which condition program will get a compilation error and not be able to create "class" file ?

(A) Syntax error in compilation

(B) Use of undeclared variable

(C) Wrong spellings of identifier or keyword

(D) All of these

57) Which method of date class constructs date object using current system time in Java ?

(A) Date & Time()

(B) Today's Date()

(C) Date()

(D) now()

58) From the following which are the examples of open source IDEs ?

(A) KompoZer

(B) Eclipse

(C) JBuilder and Netbeans

(D) All of these

59) Which type of block contains the code that may - give rise to one or more exceptions in Java ?

(A) try

(B) catch

(C) throw

(D) finally

60) Generally, which input element is used to select a single item from a given group of item ?

(A) Textbox

(B) Checkbox

(C) Radio button

(D) Password

61) Unified Modeling Language is defined by whom ?

(A) IMG

(B) PMG

(C) OMG

(D) CMG

62) From the following which type of visibility modifiers are used to protect a method or variables ?

(A) Public

(B) Package

(C) Protected and Private

(D) All of these

63) From the following which is the illegal name of variable in Java ?

(A) 4me

(B) result

(C) amount$

(D) price$

64) What is the size of second dimension in an array sales [5][12] ?

(A) 12

(B) 5

(C) 60

(D) 11

65) Which of the following is true about streams in Java ?

(A) Streams always flow in two directions.

(B) Streams are channels through which the

data flow.

(C) Only one stream can be opened in a

program at a time.

(D) All of these

66) Which of the following is the process of buying and selling products by offering the customers to bid the price?

(A) Auction

(B) Registration

(C) Book store

(D) Marketing and Selling

67) From the following who allows more interactivity and control in data entry?

(A) HTML Form

(B) HTML Table

(C) HTML Report

(D) All of these

68) To add CSS in HTML webpage what is to be used as a selector?

(A) Information

(B) Color

(C) HTMl element

(D) ALl of these

69) From the following which is the example of Consumer to Business model ?

(A) bidstall.com

(B) JeetLe.in

(C) Both (A) and (B)

(D) Flipkart.com

70) A CSS rule has how many parts?

(A) 1

(B) 2

(C) 3

(D) 4

71) What is the full form of TAR ?

(A) Tape Archiver

(B) Tape Attacker

(C) Tape Analyzer

(D) Tape Administrator

72) Which command is 'used to compile source program in SciTE ?

(A) Edit —> Compile

(B) Format —> Compile

(C) Tools —> Compile

(D) File —> Compile

73) Which shortcut key is used to compile LaTeX file in SciTE editor ?

(A) F6

(B) F5

(C) F6

(D) F7

74) Which of the following is enabled by data abstraction ?

(A) Data protection

(B) Data hiding

(C) To hide implementation details of method

manipulating the data

(D) All of these

75) From the following which is not a comparison operator in Java ?

(A) >:   (B) <

(C) <=   (D) +

76) Which attribute of form elements is used to specify where to send the form data when the form is submitted ?

(A) method   (B) action

(C) name   (D) type

77) Arrays are useful to represent which type of data in Java ?

(A) vector   (B) matrix

(C) multi-dimensional   (D) All of these

78) What are the limitations of Mobile commerce?

(A) Limited screen size

(B) Virtually can contact a user anytime and anywhere

(C) Provides global reach

(D) Customized alerts can be easily received on the mobile

79) Java language was developed by whom ?

(A) Sun MicroSystems   (B) Oracle

(C) Netscape   (D) Microsoft

80) What is the full form of JVM ?

(A) Java Visibility Modifier   (B) Java Visual Modem

(C) Java Virtual Machine   (D) Java Visual Machine

81) Which of the following is used as a separator between fields of record ?

(A) Variable   (B) Space

(C) Path   (D) Delimiter

82) A computer language is object oriented if it supports which type of object properties ?

(A) Abstraction

(B) Polymorphism and Encapsulation

(C) Inheritance

(D) All of these

83) From the following which storage is permanent storage, data is not lost when a computer loses power ?

(A) Volatile storage

(B) Non-volatile storage

(C) Both (A) and (B)

(D) Object data

84) Which block contains the code that is to be executed to handle an exception which is throw object using throw keyword?

(A) try

(B) catch

(C) finally

(D) throwobj

85) Which protocol is used for securing web transactions on the Internet?

(A) NNTP

(B) FTP

(C) STP

(D) SSL

86) From the following which are powerful open source IDEs for building web applications like Java?

(A) Aptana Studio

(B) Blue Griffon

(C) Amaya

(D) All of these

87) What refers to buying and selling of goods or services through the uses of internet enabled wireless device ?

(A) M-Banking

(B) Multimedia Shopping

(C) M-Commerce

(D) Modern Commerce

88) Java programming language use which type of methodology to analysis, design and implementation of software ?

(A). Structure / Procedural programming language

(B) Object-oriented programming language

(C) Both (A) and (B)

(D) System oriented programming language

89) Which program is used to 'enter Unicode Character into any application ?

(A) Character Display   (B) Character Map

(C) Character Insert   (D) Character Select

90) Which tab shows all details of HTML code, that helps in editing the source code on the left side of page pane of KompoZer?

(A) Design   (B) Split

(C) Source   (D) All of these

91) From the following which is not an event in JavaScript?

(A) Abort   (B) Alert

(C) Click   (D) Submit

92) In Java, a class is defined using which keyword?

(A) Class   (B) Public

(C) Static   (D) Main

93) From the following which option is not in Form properties Dialog Box of KompoZer?

(A) Form Name   (B) Action URL

(C) Method   (D) Field Value

94) What should be used to control the web browser window or the web page in JavaScript?

(A) OMG (B) BOM

(C) BOD (D) UML

95) What is the mechanism of providing protection to data and methods of a program in object-oriented programming language?

(A) Data Abstraction (B) Encapsulation

(C) Messaging (D) Polymorphism

96) The meaning of which word, is "many forms"; different forms of methods with same name in Java?

(A) Inheritance (B) Polymorphism

(C) Aggregation (D) Composition

97) Which steps are followed for the process of creation of array in Java?

(A) Declare an array object (B) Create an array object

(C) Both (A) and (B) (D) Manage an array object

98) Which is a computer program that detects, prevents and takes action to remove the malicious codes like viruses, worms and trojan horses from the infected computer?

(A) Firewall (B) Cryptography

(C) Antivirus software (D) Digital certificate

99) Which type of variables are defined inside methods or blocks ?

(A) Local variables (B) Instance variables

(C) Class variables (D) Block variables

100) From the following which technique is used for reducing the storage requirement of computer file and directory structures?

(A) Data repetition (B) Data installation

(C) Data compression (D) All of these

Answers:

(1-A)   (2-C)   (3-D)   (4-B)   (5-C)   (6-C)   (7-C)   (8-C)   (9-A)   (10-A)

(11-D) (12-B) (13-D) (14-C) (15-A) (16-A) (17-A) (18-B) (19-D) (20-D)

(21-B) (22-B) (23-D) (24-A) (25-A) (26-D) (27-C) (28-D) (29-C) (30-A)

(31-D) (32-B) (33-B) (34-D) (35-A) (36-C) (37-D) (38-B) (39-D) (40-B)

(41-A) (42-C) (43-D) (44-A) (45-A) (46-A) (47-A) (48-D) (49-A) (50-B)

(51-A) (52-A) (53-A) (54-C) (55-B) (56-D) (57-C) (58-D) (59-A) (60-C)

(61-C) (62-D) (63-A) (64-C) (65-D) (66-A) (67-A) (68-C) (69-C) (70-C)

(71-A) (72-C) (73-B) (74-D) (75-D) (76-B) (77-D) (78-A) (79-A) (80-C)

(81-B) (82-D) (83-B) (84-B) (85-D) (86-D) (87-C) (88-C) (89-B) (90-C)

(91-B) (92-A) (93-D) (94-B) (95-A,B) (96-B) (97-C) (98-C) (99-A) (100-C)